

2ND ANNUAL MODULAR, PREFAB AND CONSTRUCTION TECH SENATE

22nd - 23rd November 2023

Grandior Hotel Prague, Czechia



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“Quality, time and labour concerns make alternatives to traditional construction methods more attractive. The emphasis is on condensing the construction schedule of a project and saving cost.”

–“Construction Industry Trends,” Construction Dive

EVENT OVERVIEW

Modular construction has proven to be a more profitable & cost effective way of construction with correct planning & implementation. In an era where labour shortages have drastically impacted the productivity of companies to the point they've been forced to shut down. A report by the Financial Times in June 2022 has stated that thousands of local builders & contractors in the UK have collapsed including veteran companies that have been in the business for over 40 years due to rising costs. Construction companies need to heed to the sign of times; adapt or perish. Modular construction & other similar Modern Methods of Construction are the way forward.

Companies that have been quick enough to adopt modular methods have seen significant increase in productivity. Volumetric Building Companies (VBC), leaders in multi-family housing with markets in UK, Poland & Serbia are examples of this. With implementation of MMC, they were able to complete a project which would've taken them 24 months, within 11 months. That's more than a year in time that they've saved. Not only do MMC processes reduce the time required on-site, but as a direct side effect, there is less need for resources, labour and materials storage.

Growing demand for Building Information Modelling, Modular construction, and building materials industry is being observed across the Czech Republic Construction and Infrastructure market. The Czech Republic construction market size was valued at \$48 billion in 2021 while also being supplemented by advancements in modular & prefab methods with estimated construction and infrastructure growth of 6% CAGR till 2026.

Join us at **The Modular & Prefabrication Construction** to earn insightful knowledge and fruitful discussion on understanding emerging construction technologies, including robotics, 3D imaging and even the use of RFID-BIM which are becoming increasingly leveraged to aid the design and development of modular construction. Those technological capabilities are enhanced, sped up and become more cost-effective and sustainable, when utilised in a controlled by factory setting.

WHY YOU CANNOT MISS THIS EVENT

- Identifying the challenges of industrializing your construction process for faster and more efficient manufacturing & assembly of structures
- Learn how integrate and take advantage of features & facilities that compliment your modular buildings
- Gather insights on the overlooked challenges of modular such as insurance & contract management and key legal considerations
- Take advantage of AI and automation to further maximize 3D printing & 5D AR powered BIM designing
- Explore next generation materials that help drive sustainability and massively reduce structure deployment time

WHO SHOULD ATTEND?

This event is targeted but not limited to:

- CEOs, CIOs, & COOs
- Chief Construction Officers
- Chief Manufacturing Officers
- VPs/ Directors/ Heads/ General Managers/

Managers of:

- Construction
- Modular Construction
- Offsite Construction
- Offsite Manufacturing
- Operations
- Project Management
- Offsite & Prefabrication
- Civil Engineering
- Structural Engineering
- Project Engineering
- Property Development
- Quantity Surveying
- Infrastructure
- Architecture
- Drafting Design
- On-site Delivery
- Procurement
- Strategic Sourcing

From the following industries:

- Government entities
- Construction companies
- Real Estate developers
- Contractors
- Building Materials Suppliers
- Building Service Providers
- Technology solution providers
- Design & Architecture firms
- Construction Project Management firms
- Real Estate consultants
- Transportation & Logistics Service Providers
- Other industries involve in new property development, which can benefit from off-site construction, such as Healthcare, Hospitality, Data Centres, Education and Retail

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EVENT PARTNER



Be part of the KNX Community and enjoy all its benefits: One standard (ISO/IEC 14543), One software tool for commissioning (ETS), All Communication Media supported (IP,RF,TP,PL), All applications in home and building control, ranging from lighting and shutter control to security systems, HVAC, monitoring, alarming, water control, energy management, smart metering as well as household appliances, A/V and lots more.

<https://www.knx.org/>



From the early development stages, Sage Media Group was determined to deliver written content of the highest quality alongside visually striking graphics to create an informative publication, with an eye-catching layout

<https://www.buildaustralia.com.au/>

FOR FURTHER DETAILS, CONTACT

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FEATURING PRESENTATIONS AND CASE STUDIES BY DISTINGUISHED SPEAKERS



David Ellison
Head of Business Development
Metek plc, England



Emmanuel Metayer
Engineering Manager
Stabiframe Sp. z o.o., Norway



Jasim Al-Naser
Head of Civil Engineering
FIMPEC, Sweden



Rory O'Hagan
Director
Assael Architecture, England



Ondřej Mundl
Senior Architect
CHYBIK+KRISTOF ARCHITECTS & URBAN DESIGNERS, Czechia



Burkhard Musselmann
Managing Principal
HDR, Germany



Michele Palmieri
Design & Construction Director
Unibail Rodamco Westfield, Italy



Ondřej Vaněček
Executive Director
Contract Management SK, Czechia



David Labardin
Managing Director
Groupe GOYER, France



Mohammad Ghithan
Project Manager
Neumayer Projektmanagement GmbH, Austria



Daniel Grundy
Head of Engineering
Ideal Modular Homes, England



Anton Ivanov
Senior BIM Engineer
Mott Macdonald, Czechia



Anna Kerr
Executive Vice President
SWECO, Sweden



Michael Hough
Director
MJH Structural Engineers, Ireland



Pavol Dubik
Head of Technical Quality Team and Design Management Team
Skanska, Czechia



Frank Talmon l'Armée
CEO
SEMODU AG, Germany



Wojciech
Chief Operating Officer Europe
Volumetric Building Companies, Poland



Remko Remijnse
Owner/Architect
2by4-architects, Netherlands



Pedro Andrade
Chief Technology Officer
Blufab | Grupo Casais, Portugal



Oliver Müller
Chief Operating Officer
Capital Bay Group, Germany



Philip Watson
Director – Head of Design
HLM Architects, England

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CONFERENCE AT GLANCE

Day One: Wednesday, 22nd November 2023

0800 Registration & Coffee

0850 Opening Keynote Address

0900 Plenary One

Prefabrication in Italian Construction Industry & Case Studies

Michele Palmieri, Design & Construction Director, **Unibail Rodamco Westfield, Italy**

0945 Plenary Two

Challenges in Industrialising the Building Industry

David Labardin, Managing Director, **Groupe GOYER, France**

1030 The Speed Networking - The Mad Minutes!

Fun and fast, this networking activity is a great opportunity to grow your connections

1100 Morning Refreshments

1130 Plenary Three

Unlocking the Potential of Precast Ecosystems: A Collaborative Approach for Seamless Integration of Stakeholders, Contractors, and Suppliers

Jasim Al-Naser, Head of Civil Engineering, **FIMPEC, Sweden**

1215 Plenary Four

DfMA: The next normal in construction

Rory O'Hagan, Director, **Assael Architecture, England**

1300 Networking Luncheon

Stream 1 – Project Management

- 1400 Session One**
Industrialized Building System (IBS): Manufacturing & assembly of large modules
Burkhard Musselmann, Managing Principal, **HDR, Germany**
- 1445 Session Two**
Blufab Construction System Case Study
Pedro Andrade, Chief Technology Officer,
Blufab | Grupo Casais, Portugal
- 1530 Afternoon refreshments**
- 1600 Session Three**
Challenges of transitioning to an Integrated Design Delivery (IDD) system for modular projects
Frank Talmon l'Armée, CEO, **SEMODU AG, Germany**
- 1645 Session Four**
Contract Management Key Legal Considerations for Modular Construction Projects
Ondřej Vaněček, Executive Director,
Contract Management SK, Czechia
- 1730 End of day one**

Stream 2 – Prefab Application

- 1400 Session One**,
Versatility and Flexibility in Prefab Design using LGS (light gauge steel) framing
David Ellison, Head of Business Development,
Metek plc, England
- 1445 Session Two**
Light steel frame prefab construction system with an introduction on BIM, numerical command machines & prefab
Emmanuel Metayer, Engineering Manager,
Stabiframe Sp. z o.o., Norway
- 1530 Afternoon refreshments**
- 1600 Session Three**
Addressing dry wall cracking issues when lifting & placing modules
Daniel Grundy, Head of Engineering,
Ideal Modular Homes, England
- 1645 Session Four**
Fabricating Cross-Laminated Timber (CLT) for mass timber construction
Speaker to be advised
- 1730 End of day one**

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Day Two: Thursday, 23rd November 2023

0830 Registration & coffee

0850 Opening keynote address

0900 Plenary One

Benefits of Computational Modelling in design in AEC

Anton Ivanov, Senior BIM Engineer, **Mott Macdonald, Czechia**

0945 Plenary Two

Modular Construction & Design in High Rise Developments

Michael Hough, Director, **MJH Structural Engineers, Ireland**

1030 Morning refreshments

1100 Plenary Three

The Industrialized Revolution-Shifting from prefabrication to Productization

Pavol Dubik, Head of Technical Quality Team and Design Management Team, **Skanska, Czechia**

1145 Plenary Four

How modular technology provided by VBC supports circular economy

Wojciech Poludniewski, Chief Operating Officer Europe, **Volumetric Building Companies, Poland**

1230 Networking luncheon

Stream 1 – Project Management

1400 Session One

Topic to be advised

Philip Watson, Director – Head of Design,
HLM Architects, England

1445 Session Two

Modular Architecture: When Design & Efficiency Meet

Ondřej Mundi, Senior Architect,
CHYBIK+KRISTOF ARCHITECTS & URBAN DESIGNERS,
Czechia

1530 Afternoon refreshments

1600 Session Three

Challenges in Insurance & Risk Management

Oliver Müller, Chief Operating Officer,
Capital Bay Group, Germany

1645 End of conference

Stream 2 – Prefab Application

1400 Session One

Renewable Technologies: Integrating Solar and Micro-Grids
with Modular Building Design

Anna Kerr, Executive Vice President, **SWECO, Sweden**

1445 Session Two

Modularising HVAC Systems to Improve Building Performance

Mohammad Ghithan, Project Manager,
Neumayer Projektmanagement GmbH, Austria

1530 Afternoon refreshments

1600 Session Three

Past, Present and Future of prefab and modular design and
construction

Remko Remijnse, Owner/Architect,
2by4-architects, Netherlands

1645 End of conference

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COMPANY DETAILS

Name	Industry
Address	
Postcode	Country
Tel	Fax

REGISTER NOW

Aimi Najwa

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Take a Snapshot or Scan and Email us

ATTENDEE DETAILS

1	Name	Job Title
	Tel	Email
2	Name	Job Title
	Tel	Email
3	Name	Job Title
	Tel	Email
4	Name	Job Title
	Tel	Email
5	Name	Job Title
	Tel	Email

TERMS & CONDITIONS

- The course fee is inclusive of the event proceedings, materials, refreshment and lunch.
- Upon receipt of the complete registration form, invoice will be issued. Trueventus request that all payments be made within 5 working days of the invoice being issued. Full payment must be received prior to the event. Only delegates that have made full payment will be admitted to event. Clients are responsible for their own banking fees and banking fees will not be absorbed into the booking price.
- Substitution & cancellations policy. Should the registered delegate is unable to attend, a substitute delegate is welcome at no extra charge. Written notifications of all substitutions is required 5 working days prior to the event. Trueventus contracts carry 100% full liability upon receipt of registration. Non payment does not constitute cancellation. A 100% of cancellation fee will be charged under the terms outlined below: Due to limited event seats, Trueventus agrees to book and confirm the seat for the client upon issuance of invoice. Upon signing of this contract, client agrees that in case of dispute or cancellation of this contract Trueventus will not be for total contract value. If a client does not attend the event without written notification at least 5 working days prior to the event date, he/she will be deemed as no show. A no show at the event still constitutes that the client will have to pay the invoice amount that was issued to them. Trueventus does not provide refunds for cancellations. By signing this contract the client also agrees that if they cancel that Trueventus reserves the right to pursue monies owned via the use of local debt collection agency were the client is situated. Furthermore the client will be held liable for any costs incurred in collection of outstanding monies. When any cancellations are notified in writing to Trueventus 5 working days prior to the event, a credit voucher will be issued for use in future Trueventus events.
- Trueventus will at all times seek to ensure that all efforts are made to adhere to meet the advertised package, however we reserve the right to postpone, cancel or move a venue without penalty or refunds. Trueventus is not liable for any losses or damages as a result of substitution, alteration, postponement or cancellation of speakers and / or topics and / or venue and / or the event dates. If force majeure were to occur Trueventus accepts no responsibility or liability for any loss or damage caused by events beyond their control, including, but not restricted to strikes, war, civil unrest, flight delays, fire flood, or any adverse weather conditions. Trueventus is not liable in the event that a participant is exposed or is infected by Covid 19. Trueventus under no circumstances is liable for any other costs that might have been incurred in the attendance of the event, including but not limited to flights, accommodation, transfers, meals etc. Trueventus reserves the right to replace / change speakers in the best interest of the conference.
- Upon receiving this signed booking form, you the client hereby consent to Trueventus to keep your details for the use of future marketing activities carried out by Trueventus and third party organisations & partners.
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- Client hereby agrees that he/she exclusively authorizes Trueventus charged the credit card with details listed above for the amount provided herein; this registration form serves as a contract that is valid, binding and enforceable. He/she at any time will have no basis to claim that the payments required under this Contract are unauthorized, improper, disputed or in any way. Upon issuance of invoice Trueventus will be charging the client USD 30 processing fee.
- All Trueventus events are held in a classroom or theater format.
- All Trueventus events are held at either 5 or 4 Star Hotels.

APPROVAL

NB: Signatory must be authorised on behalf of contracting organisation.

Name	Job Title
Email	
Tel	Fax
Authorising Signature	

REGISTRATION FEES

	10% off for Build Australia members
End of September 2023	EUR 1495 (Per Delegate)
1st October 2023 onwards	EUR 1995 (Per Delegate)
All options inclusive of delegate pack, luncheon and refreshments.	
	CZ-IF391

PAYMENT METHODS

Payment is due in 5 working days. By Signing and returning this form, you are accepting our terms and conditions.

Bank Transfer

Credit Card